K

epth 6	Contents 7	Reference to last Measurement 8

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First & Final Bill

SBR No - 22/15-16
A: 30-4-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work Asphalting to Roads at Ganesh Temple Road in Chamundeshwari Layout in Ward No - 10. Doddabommasandra. From ..... To 251046

Name of Contractor of nature of Agency ..... Sri. Aswathnarayana. Amjanappa.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work Code No;- 010-15-000038.						
	Agreement No;- 283 Dated 03-02-2015						
	Work order No;- EE/BTP/BBMP/E-PMT/283/2014-15 Date 03-02-2015.						
	Address of Agency;- #38. Channappa Layout Sharadamba Nagara Jalahalli village Bangalore-13.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 03-02-2015						
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2metors and an average lift upto 0.5m excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc.						
	Ganesha Temple Road	2	30.00	0.60	0.30 =	10.80 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.30 =	10.80 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.30 =	10.80 Cum	
		2	33.60	0.60	0.45 =	18.14 Cum	
	2nd main choowadeshwari Layout	2	22.00	0.60	0.35 =	9.24 Cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4th A Cross Nanjappa Layo
	RR School Bath Sidu Road

pth 6	Contents 7	Reference to last Measurement 8
5		
nary soil involving an average		
ft upto 0.5m excavated		
posed earth to be leveled		
30 =	10.80 Cum	
45 =	16.20 Cum	
35 =	12.60 Cum	
45 =	16.20 Cum	
30 =	10.80 Cum	
35 =	12.60 Cum	
35 =	12.60 Cum	
45 =	16.20 Cum	
30 =	10.80 Cum	
45 =	18.14 Cum	
35 =	9.24 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251047

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.30 =	10.80 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	8.30	0.60	0.45 =	4.48 Cum	
	4th A Cross Narsappa Layout	2	15.00	0.60	0.40 =	7.20 Cum	
		2	23.60	0.60	0.45 =	12.74 Cum	
	RR School Back Side Road	2	31.60	0.60	0.40 =	15.17 Cum	
					Total =	244.58 Cum	
		Qty limited to Tender			=	240.30 Cum	
		Qty RS 95.00				RS 22829.00	

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and/or compressed air to relieve bituminous tatment including cost of all materials, labour.						
	Ganeshe Temple Road						
		1	30.00 (5.5+5.10)/2			= 159.00 Sqm	
		1	30.00 (5.10+5.20)/2			= 154.50 Sqm	
		1	30.00 (5.20+5.10)/2			= 154.50 Sqm	
		1	30.00 (5.10+5.0)/2			= 151.50 Sqm	
		1	30.00 (5.0+5.0)/2			= 150.00 Sqm	
		1	30.00 (5.0+5.20)/2			= 163.00 Sqm	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2nd Main Chamundeshwari
	Ch 518 to 540.00 mt
	Ch 540 to 570.00
	Ch 570 to 600.00

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		luding removing of boulders	
		ose brushes and small pockets	
		finally dusting with old gunny	
		inal treatment including cost of	
		= 159.00 Sqm	
		= 154.50 Sqm	
		= 154.50 Sqm	
		= 151.50 Sqm	
		= 150.00 Sqm	
		= 163.00 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251051

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	(5.20+5.10)/2		= 154.50 Sqm	
		1	30.00	(5.10+5.10)/2		= 151.50 Sqm	
		1	30.00	(5.00+4.90)/2		= 148.50 Sqm	
		1	33.60	(4.9+5.10)/2		= 168.00 Sqm	
	2nd Main Chamundeshwari Layout continue						
	Ch 518 to 540.00mt	1	22.00	(4.5+4.70)/2		= 101.20 Sqm	
	Ch 540 to 570.00	1	30.00	(4.70+4.60)/2		= 139.50 Sqm	
	Ch 570 to 600.00	1	30.00	(4.6+4.80)/2		= 141.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch 600 to 630.00 mtr	1	30.00	(4.8+5.0)/2		= 147.00 Sqm	
	Ch 630 to 660.00 mtr	1	30.00	(5.0+5.40)/2		= 156.00 Sqm	
	Ch 660 to 668.30 mtr	1	8.30	(5.40+5.30)/2		= 44.41 Sqm	
	9th A Cross Nanjappa Layout	1	15.00	(5.0+5.0)/2		= 75.00 Sqm	
		1	23.60	(5.00+5.10)/2		= 120.36 Sqm	
	RR School Back Side Road2	1	31.60	(5.6+7.30)/2		= 203.82 Sqm	
					Total	= 2673.29 Sqm	
		Qty limited to Tender				= 2670.00 Sqm	
		@ RS 12.00				RS 32040.00	

Executive Engineer

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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
5)	providing and applying primer - zed soil bogt @ 1.10 kg/sqmt bituonen tanker fitted with cost of all materials labou	
	Ganesha Temple Road	@
6)	providing and laying semi of specified grading, premixed hot mix to work site, laying and alignment, rolling	

Depth 6	Contents 7	Reference to last Measurement 8
=	147.00 Sqm	
=	156.00 Sqm	
=	44.41 Sqm	
=	75.00 Sqm	
=	120.36 Sqm	
=	203.82 Sqm	
Total =	2673.29 Sqm	
=	2670.00 Sqm	
	Rs 320400.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251052

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
5)	Providing and applying primer coat for surface of medium porosity like cement stabilized soil base @ 1.10 kg/sqm over prepared surface with S.S. bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all materials labour. Ganesha Temple Road	Qty vide Item no. 04 @ Rs 75.00				= 2670.00 Sqm Rs 200250.00	
6)	Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to achieve the desired compaction as per specifications.						
	Ganesha Temple Road	L	$30.00\left(\frac{5.50+5.10}{2}\right)0.025$			= 3.98 cum	
		L	$30.00\left(\frac{5.10+5.20}{2}\right)0.025$			= 3.86 cum	
		L	$30.00\left(\frac{5.20+5.10}{2}\right)0.025$			= 3.86 cum	
		L	$30.00\left(\frac{5.10+5.0}{2}\right)0.025$			= 3.79 cum	
		L	$30.00\left(\frac{5.0+5.0}{2}\right)0.025$			= 3.75 cum	
		L	$30.00\left(\frac{5.0+5.20}{2}\right)0.025$			= 3.83 cum	
		L	$30.00\left(\frac{5.20+5.10}{2}\right)0.025$			= 3.86 cum	
		L	$30.00\left(\frac{5.10+5.0}{2}\right)0.025$			= 3.79 cum	
		L	$30.00\left(\frac{5.0+4.90}{2}\right)0.025$			= 3.71 cum	
		L	$33.60\left(\frac{4.9+5.10}{2}\right)0.025$			= 4.20 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	2nd Main Chamundeshwari	L
	Ch 518 to 540.00	L
	Ch 540 to 570.00	L
	Ch 570 to 600.00	
	Ch 600 to 630.00	
	Ch 630 to 660.00	
	Ch 660 to 668.30 mL	
	4th A Cross Narayappa Layout	

K

epth 6	Contents 7	Reference to last Measurement 8
Cutting ay.		
0.025 = 3.98 Cum		
025 = 3.86 Cum		
025 = 3.86 Cum		
025 = 3.79 Cum		
25 = 3.75 Cum		
25 = 3.83 Cum		
025 = 3.86 Cum		
025 = 3.79 Cum		
025 = 3.71 Cum		
25 = 4.20 Cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251053

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd Main channel Westward	Layout continue					
	Ch 518 to 540.00	1	22.00	(4.5+4.7)/2	0.025	= 2.53 Cum	
	Ch 540 to 570.00	1	30.00	(4.7+4.6)/2	0.025	= 3.49 Cum	
	Ch 570 to 600.00	1	30.00	(4.6+4.8)/2	0.025	= 3.53 Cum	
	Ch 600 to 630.00	1	30.00	(4.8+5.0)/2	0.025	= 3.68 Cum	
	Ch 630 to 660.00	1	30.00	(5.0+5.40)/2	0.028	= 3.90 Cum	
	Ch 660 to 668.30 mL	1	8.30	(5.40+5.30)/2	0.028	= 1.11 Cum	
	4th A Cross Nanjappa Layout	1	15.00	(5.0+5.0)/2	0.028	= 1.88 Cum	
		1	23.60	(5.0+5.20)/2	0.025	= 3.01 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	RR School Back Side Road2	L	31.60	(5.6+7.30)/2	0.025	= 5.10 Cum	
					Total	= 66.83 Cum	
		Qty limited to Tender				= 66.75 Cum	
		@ Rs 11070.00				Rs 738923.00	
7)	Lead for Disposal of Debris shall be payable at Carriage rates by Mechanical means including loading and unloading.						
		Qty vide Item no-01				= 216.27 Cum	
		@ Rs 73.00				Rs 15788.00	
						Total Rs	1979040.00

Zadhav
AE 27/4/2015

BR 14
30/4/15

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Certificate:- Certified that issued from	
	Zadhav AE 27/4/20	

Contents	Reference to last Measurement
7	8
= 5.10 Cum	
= 66.83 Cum	
= 66.75 Cum	
Rs 73823.00	
Rate by Mechanical	
216.27 Cum	
Rs 15788.00	
Total Rs	1979040.00
4/2015	

BR 14
30/4/15

M. A. R. 57 (Rule 116)
Measurement Book **No. B**

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work ..... and Rs.

Audited & Admitted to Rs 1979030-00 — 251054
1205359-00 By Cash
273671-00 By Bill

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Accts Guodi. By Executive Engineer, BBMP		By Executive Engineer, BBMP.	

Certificate:-

Certified that the above work done satisfactory and no-materials issued from departmentally

Zaidhan
AE 27/4/2015

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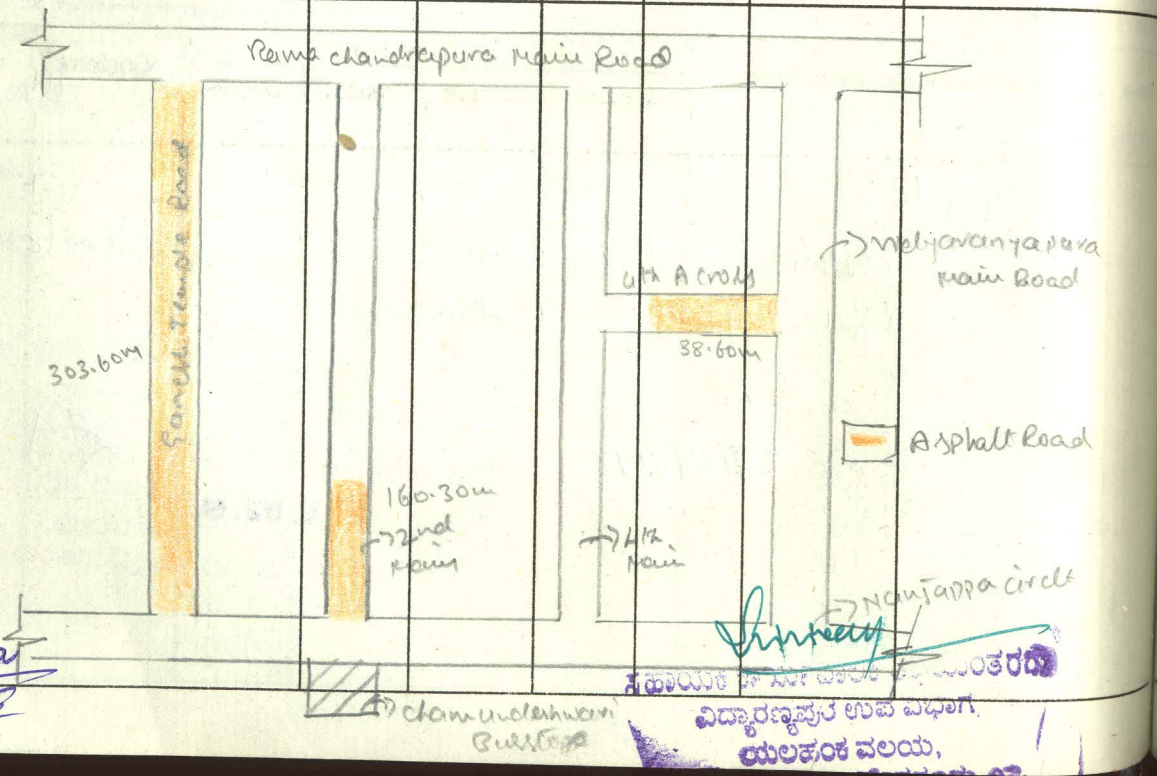
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97

ET - 19791-00
VAT - 79162-00
WF - 19791-00
OBF - 1980-00
FSD - 115742-00
LC - 53705-00
DRE - 5711-00
Total - 273671-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Bodhar
AE

First & Final Bill

SB No-23/15

Serial No. A:30-H-

Name of Work Asphalting to Road in ward No-16

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Work Code No: 010
	Work order No: EE/B
	Address of Agency: #